



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicant : Metin N. Gurcan  
Serial No. : 10/600,783  
Filed : June 20, 2003  
Title : COMPUTER-AIDED DETECTION METHODS IN  
VOLUMETRIC IMAGERY  
Docket : QUA 070 PA  
Art Unit : 2123

CERTIFICATE OF MAILING

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Commissioner for Patents  
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Attorney Michael D. Folkerts Reg. No.33,348

Sir:

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.56, 1.97, AND 1.98

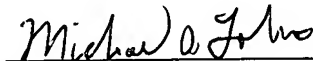
Applicant submits herewith patents, publications, and other information of which he is aware, which he believes may be material, as defined in 37 CFR § 1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR § 1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. Further, pursuant to 37 CFR § 1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

Docket No. QUA 070 PA  
Serial No. 10/600,783

This Information Disclosure Statement is being filed within the period set forth in 37 CFR § 1.97(b) because it is believed to be filed before the mailing of a first Office action on the merits.

Respectfully submitted,

STEVENS & SHOWALTER, L.L.P.

A handwritten signature in cursive script, appearing to read "Michael D. Folkerts", is written over a horizontal line.

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Application Number	10/600,783
Filing Date	June 20, 2003
First Named Inventor	Metin N. Gurcan
Art Unit	2123
Examiner Name	
Attorney Docket Number	QUA 070 PA

### ENCLOSURES (Check all that apply)

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### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael D. Folkerts, Reg. No. 33,348
Signature	<i>Michael D. Folkerts</i>
Date	10-20-03

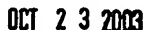
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Signature	<i>Michael D. Folkerts</i>	Date	10-20-03

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Application Number	10/600,783
Filing Date	June 20, 2003
First Named Inventor	Metin N. Gurcan
Art Unit	2123
Examiner Name	
Attorney Docket Number	QUA 070 PA

## U. S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

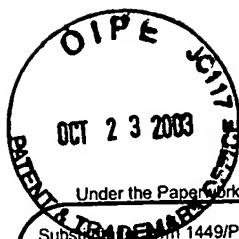
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Attorney Docket Number	QUA 070 PA

Sheet 2 of 2

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		S.B. GOKTURK, C. TOMASI, B. ACAR, C. F. BEAULIEU, D. S. PAIK, R. B. JEFFREY, J. YEE, S. NAPEL, "A statistical 3-D pattern processing method for computer-aided detection of polyps in CT colonography," IEEE Trans. On medical Imaging, vol. 20, no. 12, pp. 1251-1260, 2001.	✓
		H. YOSHIDA, J. NAPPI, "Three-dimensional computer-aided diagnosis scheme for detection of colonic polyps," IEEE Trans. On Medical imaging, vol. 20, no. 12, pp. 1261-1274, 2001	✓
		J. NAPPI, A. H. DACHMAN, P. M. MACENEANEY, H. YOSHIDA, "Computer-aided detection of polyps in CT colonography: evaluation of volumetric features in differentiating polyps from false positives," International Congress Series, vol. 1230, pp. 676-681, 2001.	✓
		R. M. SUMMERS, A. K. JEREBKO, M. FRANSZSEK, J. D. MALLEY, "An integrated system for computer-aided diagnosis in CT colonography: work in progress," International Congress Series, vol. 1230, pp. 669-675, 2001.	✓
		G. KISS, J. V. CLEYNENBREUGEL, M. THOMEER, P. SUETENS, G. MARCHAL, "Computer-aided diagnosis in virtual colonography via combination of surface normal and sphere fitting methods," Eur. Radiol., vol. 12, pp. 77-81, 2002.	✓
		R. M. SUMMERS, "Challenges for computer-aided diagnosis for CT colonography," Abdom. Imaging, vol. 27, pp. 268-274, 2002	✓
		A. OTO, "Virtual endoscopy," European Journal of Radiology, vol. 42, pp. 231-239, 2002.	✓
		W. LUBOLDT, C. MANN, C. L. TRYON, R. VONTHEIN, D. STUEKER, M. KROLL, O. LUZ, C. D. CLAUSSEN, T. J. VOGL, "Computer-aided diagnosis in contrast-enhanced CT colonography: an approach based on contrast," Eur. Radiol., vol. 12, pp. 2236-2241, 2002.	✓
		R. M. SUMMERS, A. K. JEREBKO, M. FRANSZSEK, J. D. MALLEY, C. D. JOHNSON, "Colonic polyps: complementary role of computer-aided detection in CT colonography," Radiology, vol. 225, pp. 391-399, 2002.	✓
		A. K. JEREBKO, R. M. SUMMERS, J. D. MALLEY, M. FRANSZSEK, C. D. JOHNSON, "Computer-assisted detection of colonic polyps with CT colonography using neural networks and binary classification trees," Med. Phys., vol. 30, no. 1, pp. 52-60, 2003.	✓

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